

Description of Additional Supplementary Files

Supplementary Data 1: Differentially expressed genes. Differential gene expression between MCF10A and G12V cells based on two replicas of RNA-seq. First five columns indicate gene annotation- genomic location (chromosome, strand, transcription start and end site) and name. Next 4 columns indicate the CPM value in the two cell types in two replicas. The last three columns indicate log2 fold change, p Value and the direction of change: 1 and (-1) are up-regulated and down-regulated in G12V MCF10A cells respectively.

Supplementary Data 2: Functions of Diseases enriched in down-regulated genes associated with G12V-specific p53 binding sites (blue) or linked to up-regulated genes associated with G12V-specific p53 binding sites from IPA analysis. Functions with a $\log_{10} p > 3$ are shown. Functions of Biological Process enriched in G12V-specific p53 binding sites (blue) or linked to G12V-specific p53 binding sites from GREAT analysis.

Supplementary Data 3: Source Data file.